



A. Design:

HT29 human colorectal carcinoma cells grown in tissue ( $1 \times 10^7$  cells) were injected subcutaneously into the right flank of 6-7 week old male nu/nu mice



Allow tumors to grow to a volume of  $1.2 \text{ cm}^3$  or more



Inject  $0.3 \mu\text{g}$  of annexinV-tTF (or as a control,  $350 \mu\text{l}$  of saline) into mice intravenously



Sacrifice and exsanguinate animals 24 hours later



Harvest tumors and all major organs and retain the samples for H & E staining

B. Results:

The attached Figure demonstrates that the annexinV-tTF conjugate induces specific tumor blood vessel coagulation in HT29 tumor bearing mice. Approximately 55% of the tumor blood vessels in the annexinV-tTF conjugate treated animals were thrombosed following a single injection. In contrast, only 12% of the tumor vasculature in the control animals showed evidence of thrombosis.

### Annexin V -tTF Tumor Blood Coagulation

